

2-15-1927

## The Acropolitan - v. 4, no. 3

The Associated Students of the Montana State School of Mines

Follow this and additional works at: <http://digitalcommons.mtech.edu/acropolitan>

---

### Recommended Citation

The Associated Students of the Montana State School of Mines, "The Acropolitan - v. 4, no. 3" (1927). *Acropolitan (1923-1930)*. Book 21.

<http://digitalcommons.mtech.edu/acropolitan/21>

This Book is brought to you for free and open access by the Student Newspapers at Digital Commons @ Montana Tech. It has been accepted for inclusion in Acropolitan (1923-1930) by an authorized administrator of Digital Commons @ Montana Tech. For more information, please contact [ccote@mtech.edu](mailto:ccote@mtech.edu).



# The Acropolitan

A MONTHLY PUBLICATION BY THE MONTANA STATE SCHOOL OF MINES

Vol. IV.

BUTTE, MONTANA, FEBRUARY 15, 1927

No. 3

## NEW GEOLOGY COURSE AT MINES

### ANDERSON-CARLISLE HOLDS MEETING

At the usual mid-year election held recently members of the Anderson-Carlisle Technical Society selected officers to pilot them through the semester. Charles C. Goddard, Jr., '27, was re-elected to the presidency; Jack Warren, '28, was made vice-president; Clarence R. Cota, '28, secretary-treasurer; and Clarence M. Harrer, '28, sergeant at arms. The banquet committee is as follows: C. R. Cota, chairman, J. W. Warren, and A. D. Mayo. Members of the informal meeting committee are H. A. Wendel, Jr., chairman, A. J. MacPhail, and F. E. Johnson.

The Anderson-Carlisle society, which is affiliated with the American Institute of Mining and Metallurgical Engineers, is expecting a semester of active work. The banquet committee are planning several affairs of interest, while the members of the informal committee promise a series of first-class smokers better, even, than those which have been held in the past. Members of the society are renasked to place their orders for the new A. C. T. S. pins with Jack Warren at an early date.

### WINCHELL LIBRARY GOES TO ENGINEERS

Mrs. Horace Vaughn Winchell and the Anaconda Company Donate Important Collection.

The memorial gift of the library of the late Horace Vaughn Winchell, late geologist for the Anaconda Copper Mining company; to the United Engineering Societies library, has been accepted, according to news reaching Butte, yesterday, from New York.

The gift was made by Mrs. Winchell and the Anaconda company. The library consists of 10,000 volumes and years were consumed in its collection.

Dr. H. Foster Bain, secretary of the American Institute of Mining and Metallurgical Engineers, in informing the Anaconda company of the action taken and the sentiments of the board on learning of the gift, expressed "special delight that this important collection of books is to be kept together and made generally useful for all time through the generosity of the company on whose staff Winchell so long served. It seems a fine tribute

(Continued on Page 5.)

### B. S. in Geological Engineering to Be Given at School.

Professor E. S. Perry of the School of Mines announces that a course leading to a degree of Bachelor of Science is to be offered in Geology, at the School of Mines. The course offers many advantages to the student desiring to follow geology in the future. The outline of the course shows that it is well-balanced and will, undoubtedly, work well with the courses offered at the school at present. Thus, the new geology student may obtain practically all mathematics and chemistry offered at the school, along with the classes following the regular courses, now given.

Again, the fact that the Mines offers three courses and confers three degrees, will probably mean increased enrollment in the future. The course is outlined as follows:

#### PROPOSED SCHEDULE FOR THE DEGREE OF GEOLOGICAL ENGINEER M. S. S. M.

(Those courses preceeded by a star are new courses to be introduced.)

##### FRESHMAN YEAR

FALL		SPRING	
	HRS. UNITS		HRS. UNITS
English Composition .....	3 3	English Composition .....	3 3
Algebra .....	4 4	Analytical Geometry .....	3 3
Gen. Chemistry (lec.) .....	4 4	Qualitative Analysis (lec.) .....	4 5
Gen. Chemistry (lab.) .....	6 6	Qualitative Analysis (lab.) .....	9 9
Mech. Draw. & Des. ....	2 2	Mech. Draw & Des. Geom. ....	6 2
Mech. Draw. & Geom. ....	9 3	General Geology .....	2 2
Trigonometry .....	4 4	Plane Surveying .....	3 3

##### SOPHOMORE YEAR

Physics .....	5 4	Physics .....	4 3
Mineralogy (lec.) .....	2 2	Mineralogy (lec.) .....	2 3
Mineralogy (lab.) .....	3 3	Mineralogy (lab.) .....	6 6
Topographic Drawing .....	6 2	Calculus .....	4 4
Quantitative Anal. ....	2 3	Mine Surveying .....	2 2
Quantitative Anal. ....	2 3	*Paleontology .....	2 2
Calculus .....	4 4		
Plane Surveying (summer) .....	4 wk. 2		

##### JUNIOR YEAR

Industrial History .....	2 2	Engineering Economics .....	2 2
Structural Geology .....	3 3	Petrology (lec.) .....	2 4
Princ. of Metallurgy (lec.) .....	2 1.5	Petrology (lab.) .....	6 3
Princ. of Metallurgy (lab.) .....	3 1	Electro Chemistry (lec.) .....	2 3
Physical Chemistry (lec.) .....	2 3	Electro Chemistry (lab.) .....	3 3
Physical Chemistry (lab.) .....	6 3	*Stratigraphy of North Amer. ....	2 2
*Sedimentation (processes) .....	3 3	*Petroleum and Coal Geology .....	3 3
Physics laboratory .....	6 2	Map Interpretation .....	3 1
Mine Surveying (summer) .....	2 wk. 2	Mining .....	1 1
		Paleontology Laboratory .....	3 3

##### SENIOR YEAR

Economic Geology of (Mineral Deposits, Non-Met. and Metallics) .....	5 5	Economic Geology (Type Deposits) .....	5 6
*Geo-Chemical Processes (lec.) and Metamorphic Geol. ....	2 4	Economic Geology (lab.) .....	3 2
" " (lab.) .....	6 2	*Engineering Geology (as used by Civil Engineers) .....	2 2
*Geological Mapping (field) .....	6 2	*Model Making (lab.) .....	3 1
*Microscope practice (lec.) .....	1 3	*Research in Geology (lab.) .....	6 2
" " (lab.) .....	4 1	Princ. of Mining .....	3 3
*Research in Geology (lab.) .....	3 1	Engineering English, Reports .....	2 2
Mine Examination (Sampling and Valuation) .....	2 2		
Elective .....		Elective .....	

### WORK ON "M" ANNUAL PROGRESSING

At the present time, all of the Juniors are laboring very hard at the task of getting out an annual for the School of Mines. It is customary for the Junior class to handle the publication of the year-book, the "M," and because the Juniors are larger in number this year than is usual, they have a very fair chance to turn out an unusually fine book.

Up to the present the greater part of the work has been in securing advertising. The class is co-operating splendidly and obtaining results.

Arrangements for the staff are not yet complete. C. B. Hoskins, who was elected editor some time ago, resigned, and Gwen Gulbertson was asked to fill the vacancy. The business staff is headed by Harry Hinrichsen as Manager. Hinrichsen has shown ability and industry thus far in directing the business end of the annual.

The general staff consists of all of the members of the Junior class. Upon them rests the responsibility of carrying on one of the School of Mines' traditions, the "M." They plan to put out a snappy annual which should be a prized possession of every student.

Come on, Miners. Do your bit. Buy an "M."

### BUTTE PROFESSOR SOJOURNING IN GERMANY GIVES SIDELIGHTS ON CUSTOMS AT GOTTINGEN

An interesting picture of the old world is presented in a letter from Gottingen written by Prof. Curtis L. Wilson, assistant professor of metallurgy at the School of Mines. Professor and Mrs. Wilson have been in Europe since last June. Professor Wilson has been granted a two years' leave of absence for post-graduate work. He is now enrolled as a student at the Physikalischem-Chemisches Institute der Universitat Gottingen.

Before going to this old-fashioned German city Professor and Mrs. Wilson spent some months in Berlin at the university and there obtained an insight into the educational customs of that country.

"As all of the 21 universities in Germany are state institutions," he says, "and as Berlin is the capital of Germany, so is the University of Ber-

(Continued on Page 5)



**THE ACROPOLITAN**

Published monthly by the Associated  
Students of the Montana State  
School of Mines

\$1.00 per year; additional single  
copies 10c each

**ACROPOLITAN STAFF****Editorial**

Editor-in-Chief.....C. C. Goddard, Jr.  
Assistant Editor.....C. R. Cota  
Associate Editor.....Herbert A. Wendell

**Managerial**

Business Manager.....Albion Johnson  
Assistant Business Manager  
Harry Hendrichsen  
Circulation Mgr.....H. F. Weyerstall

**Reportorial**

Senior .....Donal Mayo  
Junior .....Eugene N. Boyce  
Sophomore .....F. E. Johnson  
Freshmen .....Joseph Newton  
Co-Ed  
Rena Scovil and Gwen Culbertson  
Special .....Archie McPhail  
Athletics .....John Warren

**STUDENT ACTIVITIES**

Why are there so few student activities at the School of Mines? The question is a constantly recurring one, and it has one stock answer. The School of Mines, it is said, is a small, strictly technical school, through which the majority of students are working their way. The course is exceptionally difficult, and requires a great amount of study, which makes it practically impossible for the self-supporting student to find time for the usual student activities maintained in most colleges. Thus the lack of such activities.

Is this stock answer, which we have heard so many times, strictly true? Or is there some other answer? A careful analysis of the situation will reveal several facts of interest. First of all, it is among the self supporting students that a desire exists for more activity in connection with school life. Then comes a list of items which lie at the real heart of the problem: the Student association is several hundred dollars in debt, and nearly every football or basketball game results in a deficit, a condition not due to poor management, but to the fact that there is far too little money to be spent, with the result that unpaid debts of long standing have discredited the school with downtown merchants, and others, making it a difficult task for the school to secure support for any of its projects. Forensics are hard hit by the lack of sufficient money to carry on intercollegiate meets. The school paper is struggling with the obstacle of poor financial support. Every effort toward expansion of what we already have, or toward the creation of something new is balked, effectively, at its start by the lack of necessary funds. That is the real answer to our question, the reason for our lack of student activities.

Next comes the question of why this condition exists. There is one source of income for such activities, aside from admission charges to games and other contests; that is the student activity fee, a very reason-

able fee of ten dollars, payable by every duly enrolled student at the school, but at present entirely optional. Last year the collection of the student activity fee from every student would have meant well over a thousand dollars paid to the student association. However, according to custom, only about two thirds of the students of the School of Mines saw fit to pay the fee, and, as usual, activities at the School of Mines suffered to the extent of four or five hundred dollars. Having this extra money would mean a great deal to the school. It would mean stronger and better athletics; it would mean the maintenance of an active, interesting forsenic program; it would mean a bigger, better school paper, free to all members of the A. S. S. M., it would mean funds to help the dances; it would mean, perhaps, the establishment of such activities as a glee club and a school band or orchestra; it would mean, in short, a better, more enjoyable school life for everyone at the School of Mines. In the past the student activity fee has not been compulsory because it has been argued that there are some students who cannot afford to pay it, but that argument is fallacious, for the students who have been dodging bewilders and sweating in the stopes to earn their way through college are the ones who have paid for Mines athletics, and they are the ones who have not been able to take part in the athletics, or even, at times, to see the home games. The only conclusion to be drawn from conditions as they exist is that the student activity fee must be made compulsory at the Montana State School of Mines, as it is at Washington, Idaho, Michigan, Columbia, the other branches of the University of Montana, or practically any other college of note in the United States.

The school of Mines, in common with many other technical schools, is a comparatively small school in a large city. Most Universities, however, are placed in a condition that is almost the direct opposite of this; the University proper is usually built in a small town and the town derives its existence from the school. In spite of the high standard of the School of Mines among technical schools, and in spite of the fact that it is located in a great mining city, it does not attract the attention of the average citizen of Butte in any such manner as a University would attract in its home town. In fact many people here only vaguely realize that there is a well-equipped, modern mining school in their midst.

There are several obvious reasons why such a condition exists. In the first place, the limited enrollment and the heavy curriculum make such activities as a dramatic club, glee club, etc., practically out of the question; and these play an important part in advertising their school. The athletic teams have done the most in this line, but even they are laboring under a handicap because they cannot compete in popularity with the State "U" and

College, and with the teams of the two large high schools in the city. Even if the football team caused every one to take an interest in it, not a great deal of benefit would accrue to the school because that alone would not attract attention to the school proper. Another reason lies in the fact that the larger a city is, the less easily can its interests be diverted to any one thing. A small town is almost patriotically devoted to the interests of its university, but a large town remains almost totally uninterested.

Of course, this lack of what might be termed publicity has no effect on the quality of work done. If it had any it would seem that it would be on the conductive to better work because of the lack of diverting influences. However it appears that this very thing has some effect on the student. In a large school, he would always have more or less direct or indirect supervision by the authorities; especially if he were in a school dormitory. Most of his pleasures and activities would in some way be bound up with his university life. On the contrary, a technical school like a medical or law school is regarded as a "place of business," and its students are treated accordingly. The amusements and diversions of the student, therefore, are the same as those of a man who is out on the job. In other words he is out in the world "on his own hook" before his college work is completed. This tends to give responsibility and practical experience, and is accordingly of inestimable value. The only drawback is that some cannot stand this sudden removal of the pressure of authority, and it is dangerous for such to attend any institution where they cannot be constantly watched. On the

## Compound Syrup Eucalyptus

For Children and Adults

Stops the tickling and  
prevents pneumonia

Montgomery Drug Co.

140 W. Park Street

whole, then it is better for the serious minded student to go where no one knows that he is a college student except himself; because under those circumstances he will obtain a clearer view of life as it actually is, and as he will have to live it after he has finished his education.

On February 4, the Seniors and Juniors had the good fortune to listen to an interesting talk by Mr. Stuart, manager of the Westinghouse Electric Co. in Butte. He talked for an hour and a half on the application of electricity to all kinds of processes. He described the different types of motors used in different processes, and explained the calculations which had to be made to determine the size and type of motor to be used under a given set of conditions.

He took up in detail the use of electrical power in air compression, hoisting, pumping, hauling and driving fans.

### MINING ENGINEERS and Mine Students

Can Obtain the Unexcelled  
Disability Clause Issued by

The Mutual Life Insurance  
Co. of N. Y.

A. M. RILEY

District Manager  
46 E. Broadway, Butte, Mont.

### Oates & Roberts

(Incorporated)

PRINTERS

R. J. OATES, Mgr.

SERVING THE BUTTE PUBLIC WITH SATISFACTORY  
PRINTING FOR 33 YEARS

Phone 1565

114 East Broadway

## For Washington's Birthday

Be among the  
first for better  
Selections

Try Calkins first  
for variety and  
originality!!

Tallys, Favors  
and Party Decorations  
Galore

## B.E. CALKINS CO.

BOOKS - STATIONERY - COMPLETE OFFICE OUTFITTERS  
- Main & Broadway - Butte, Mont. -



## SENIOR NOTES

BLANK  
LIKE  
SENIORS'  
HEADS

examination was given every morning for a week, and each one lasted three hours. In metallurgy, Professor Roush substituted an oral test in place of the written one usually given.

One of our star basketeers has been suddenly and strangely overtaken by a serious and mysterious malady. athletic ability is sadly impaired. In years gone by, being one of the reliable mainstays, his erratic work of late is noticed with deep regret. It is noticed during class and on the street that he has a wandering look in his eye and that he assumes an absent minded manner. His companions of happier days note with deep regret that he is no longer among them. Yea verily—Dan Cupid has sunk his barb.

The Juniors, following an old custom revived last year, are going to put out an annual. However, this is not going to be a junior annual, but is to be a school annual. Therefore, the co-operation of the entire student body is needed to make it a success. Although the staff is made up mainly of Juniors, it does not mean that all the material has to be supplied by them. The staff will be very busy most of the time until the annual is finished, so they will be very glad to accept any material, or suggestions.

If you have any suggestions on how to make a better annual, don't be afraid to voice them. If you wish to write an article, it will be cheerfully accepted. Poets get busy, put your brilliant ideas in rhyme. All you of light minds, send in that latest joke. Poetry lends flavor to an annual, while the jokes are the spice. If you can't think of a joke send in your picture. Whenever something of importance takes place, bring your kodak. Pictures in an annual are the longest cherished.

In later years you may grow tired of reading the annual, but it is always a pleasure to look at the pictures of your old friends.

The Juniors have been wearing the leather off of their shoes for the last three weeks securing advertising for the annual, and have been very successful.

There is scarcely a doubt but that it will be a financial success, so the next thing to plan on is to make it a literary success. This also can be done, but not by the juniors alone. If every one will co-operate the literary success will be assured. It is your school annual. Help to make it a success!

A peculiar incident happened in one of the Butte mines one day last week in which Don Mitchell played the leading part. Don, after placing a bar as a brace in a drift, apparently let his mind wander to one of the opposite sex for an instant, where-upon he kicked the brace from its moorings and brought a girt and post down on his head in rapid succession. The laughing eyes were closed and our hero reeled about in a series of evolutions and involutes and all but fell

## NOTICE!

We believe we serve the best holiday dinners, and can save the housewives all the work. A trial will convince you of our enjoyable luncheons.

## Truzzolino's Cafe

120 West Park Street

## BUSINESS TRAINING THAT PAYS YOU

This College offers specialized training to fit young people for all of the varying classes of business positions.

EVERY MODERN BUSINESS COURSE TAUGHT INCLUDING TELEGRAPHY Also fully accredited High School Department. If you need any help in your Algebra, Geometry or Trigonometry, Call and See Us.

COMPLETE DAY AND EVENING COURSES THE YEAR AROUND

One of the leading Business Training Schools of the entire Northwest.

*Butte Business College*

Write for illustrated catalogue.  
OWSLEY BUILDING

Butte, Montana

Established 1890  
PHONE 1240

## JUNIOR NOTES

The junior class has held two important meetings since the last issue of this paper. The class, with co-operation as its motto, is performing its task of preparing the annual and planning other junior activities in a business-like way.

At the first meeting, election of officers was held at which time Jack Warren was elected president; Charles Foote, vice-president, and Clarence Cota, secretary-treasurer. An advertising campaign for the annual was opened by business manager Hinrichsen. He was assured by the rest of the staff and the other members of the class that they would give him their support in getting advertisers for the year book.

The second meeting was called in order to divide the class into groups of two that could work together. The work was equally divided and placed on slips of paper in a hat. Each pair drew one slip and were assigned to the special work described on the paper. At this meeting also, the staff as picked by editor in chief, Gwendolyn Culbertson, was read before the members. The staff for the annual which is not quite complete is as follows: Business manager, Henry Hinrichsen; advertising manager, Don Mitchell; jokes, Gene Boyce and Clarence Cota; athletics, John Warren; art, H. Weyerstall; organizations, Ed Eno; Sophomore reporter, Fred Johnson; literary, C. H. Spaulding; special features, Norman Thompson and Glenn Sigler; poetry, Archie McPhail; forensics, Professor Scott; photography, Charles Foote; assistant advertising manager, Cecil Waldron; dedication, John Warren; and geology course, Professor Perry.

The semester exams put the fear of all that's powerful in the hearts of the juniors. It is rumored that some of the boys were seen burning the midnight oil for a week before the tests. The exams, however, did not prove to be the bugaboo expected. All the boys went into it big and came through with passing grades. One

Paxson-Rockefeller Co.  
ALL NIGHT DRUG SERVICE—24 WEST PARK

Kodak Developing and Printing

24 West Park Street  
Phone 572

61 East Park Street  
Phone 665

through a chute to the floor below when Heinie grabbed him and held him until his head had cleared. The blows that Mitch received must have been terrific for as he became conscious, he mumbled a request to Hinrichsen to take off his shoes for his feet were beginning to swell.

Henry Nightengale has registered in a number of junior subjects and is now again one of us after being away from school for a year.

Carl Grom is taking some research geology and also some special work in mineralogy at the school.

As this paper goes to press we note with extreme manifestations of enraptured ecstasy and hilarity that Sigler is making a rapid recovery.

Physician (writing out a lady's receipt), "Pardon me, Madam, but do you spell your name with an 'e' or an 'i'?"

Lady Patient (reproachfully): "Why, Doctor, my name is Hill!"

Miner: "How is the girl you took to the dance last night?"

Met: "Wiser!"

There were some young miners in Butte Who thought themselves terribly cute, They came to the Mines, Flunked out a few times, And left on the toe of the boote.

A young agent, who should have known better, Got confused while writing a letter— Next day his boss wired— "You black sheep, you're fired! I'm your boss, not your "dearie," you petter!"

This month's candidate for the "More Rock" club is the Professor who announces his exceptions five minutes before the examination.

The virtue of the ignorant is that they want to learn; the evil of the educated is that they think they know it all.

Statistics show that 50 per cent of the married people are women.

A recent visitor from the British Isles informed us that he liked the sea all right, but he liked it most when it was not marcelled.

He wears last year's hat; drives this year's car and lives on next year's income. Now the question is, "Is he progressive, or conservative?"

It costs a lot of money to sell goods, but it costs a lot more not to sell them.

"I wish to buy a gift for my husband."

"Yes'm," said the polite floor-walker. "The 10-cent counter is over yonder by the window."



## SOPH NOTES

The annual parting of the ways has come for the Sophomore class, but this year, for the first time, the road branches in three directions, toward Mining Engineering, Metallurgical Engineering, and Mining Geology. Fifteen Sophs have enrolled for Mining, seven for Metallurgy, and five have signed up for the new course in Geology.

Russell Wirak, '29, has been named first alternate for this year's appointment from Montana to the United States Military Academy, at West Point. In case of the failure of the man who has received the appointment to meet the entrance requirements of the academy, Wirak will be given the much sought for opportunity. At the School of Mines he has been one of the outstanding members of his class, and at present is Secretary-Treasurer of the Dancing Club, and a member of the Anderson-Carlisle Technical Society.

Since Earl Lindlief joined the "loud" sweater gang there has been a great increase in the number of overalls worn to classes. We wonder whether the overalls were Christmas presents, too, or whether they are just worn to serve as an antidote for the bright-colored jackets.

A group of six from the Soph class invaded the Anaconda Reduction Works on Jan. 30, exploring everything from the Cottrell treaters at the base of the big stack to the converters at the lower end of the works. Sulfur fumes, flying sparks and molten metal served to give the three Metallurgists present a good idea of what their professional life is to be like, while the three miners received vivid impressions of what is in store for them in the Hereafter, provided they don't mend their ways!

Fifty per cent of the California students has left school, leaving only the derivative of seventeen years' acquired knowledge to increase the integral of our troubles.

The Sophomore dance, this year, is to be given on February 28, two weeks after the co-ed dance. Plans are being made for one of the best "hops" ever given at the Mines, and all members of the student body are promised one of the best good times they have ever enjoyed.

The semester finals, and their consequent grades have left the class in much better shape than some members expected. A few have felt the pains, and suffered the sorrows of too little work, but, on the whole, we must thank the Profs for their services in shoving us a notch higher on the ladder of technical knowledge.

A sign over the junkshop near a New Jersey railroad grade crossing read: "Go ahead; take a chance! We'll buy your car."

## FROSH NOTES

Several of the Freshmen have enrolled in the English Literature class under Mrs. Converse. All of the co-eds and several of the upper classmen are also taking this course, and it bids fair to become very interesting.

The Freshman dance, which was held in the School of Mines Gym proved to be a huge success. The Gym was well filled and everyone present had a very enjoyable time. The music for the evening was furnished by Harkins' Orchestra.

The success of this dance augurs well for the ability of the Freshman class since it was sponsored entirely by them. This was the first of the class dances to be held during the season and will serve as an excellent standard for the Sophomores who intend to stage their hop in the near future.

### ENGINEERS' MEETINGS OFFER MANY ADVANTAGES

Among the many opportunities offered to the students is one given by the Montana Society of Engineers in their regular monthly meetings. In these meetings the students, as well as the members, have the privilege of listening to subjects in all lines of modern engineering being discussed by men who are recognized successes in the various lines which they discuss. In addition the student gets a general discussion of these topics by the society as a whole. In brief he gets the opinion of the practicing engineers of the state as a whole, and as individuals.

The benefits of this can hardly be recognized at a glance. The student has the theoretical principles of the class room applied to all forms of modern engineering. He learns just what he will be up against after he has completed his college course. The instructor in colleges cannot discuss individual topics of the engineering profession in detail due to the time allotted to the subjects in the class room. In the engineers' meetings individual subjects are discussed in their complete detail, thus giving the student what he can get from no other source than from an exhausting and often blundering study of technical papers. Better still, he gets these problems applied to his own or nearby locality.

The Montana Society of Engineers gives a standing invitation to the students to attend any and all of the meetings free of charge. These meetings are held at regular intervals at the Chamber of Commerce building, Butte, Montana.

You can measure the stature of a business man by his ability to project himself into the future.

"Ofttimes, it's harder to stay on top than to get there."

Patronize Our Advertisers

Established 1887

## PAUMIE PARISIAN DYE HOUSE, Inc.

FRENCH DYEING AND CLEANING

No. 60 West Galena St.

Corner Dakota

Phone 516

WE INSURE OUR CUSTOMERS' GOODS

## Everybody Likes RIDDELL'S

## Miners Savings Bank and Trust Co.

4 per cent Interest on time and savings deposits

A letter from C. A. Fredell, at Pachuca, Hgo., Mexico, contains the following, which will be of interest to the School of Mines:

Jan. 17, 1927.

Mr. Geo. W. Craven,  
Butte, Montana.

Dear Mr. Craven:

It has been about a year or more since you last heard from me, so I thought I'd start the new year by writing you a line or two to let you know of my whereabouts and goings on.

When I last wrote you I was with the American Smelting and Refining Co. in Angangueo, Michoacan. I left them in April to accept a job as chief engineer of the Jalisco unit of the San Rafael Company. I have been out there until the first of this year when we had to shut down on account of low silver prices. I was then transferred to this unit as chief engineer here. I little thought when I was in school reading about these old mines in Pachuca that some day I would be earning my daily bread in one of them—but strange things come to pass. This is one of the largest mines in the district—employs about a thousand men underground—the production is about two tons of silver per week—that doesn't sound much when you think of copper but it is a powerful lot of white metal.

I suppose you are reading the same scare heads that I see in the U. S. papers about the revolution in Mexico—down here everything is running

along as usual and to all appearances is as calm and peaceful as it was a year ago. About all we know of disturbances is what the U. S. press gives us.

I heard that Fay Wilson (Mines man) was at the Mazata Mine in Jalisco as a shifter. It was about 50 kilometers from where I was but I never got a chance to see him.

Bill Hill has left the A. S. & R. Co. and gone to Columbia, South America, with some oil company.

Vaupell is now in Oaxaca working up the geology of the San Juan Mine which the A. S. & R. bought on his examination report.

Walt Landwehr is in Pachuca doing geology for Real del Monte Co. but I haven't see him yet—probably will in a few days.

I met Garret Fraber in Mexico City some time ago. He is traveling as engineer on construction for some U. S. construction company.

Well, I'll ring off for now with best regards to yourself and any others at school who might remember me—especially "Teddy."

As ever,

C. A. FREDELL.

A man with a temper is always proud of the way he can control it, especially when he explodes from it.

We are told that actions speak louder than words, but it depends a good deal on who is doing the talking.

## Don't Fail to Attend the Big Auto Show

AT COLUMBIA GARDENS

FEBRUARY 17 to 22

Butte Electric Railway Co.



## WINCHELL LIBRARY GOES TO ENGINEERS

(Continued from Page 1.)

by a corporation to the good work done by an engineer, and as such the institute will value the act and the gift especially."

The library itself is the embodiment of the tradition of the Winchell family. Horace N. Winchell was the son of an eminent geologist, N. H. Winchell, and the nephew of another Alexander N. Winchell. His wife was the daughter of Alexander Winchell. His sister, Avis, is the wife of U. S. Grant, the well-known professor of geology at Northwestern University, and a younger brother, Alexander N. Winchell, is equally famous as a professor of mineralogy and petrology in University of Wisconsin. Two of the latter's daughters have married geologists.

Alexander N. Winchell, his uncle, for many years professor at the University of Michigan, was one of the pioneers placing geology on a scientific basis, he not only advanced the boundaries of his favorite science but he popularized it. N. H. Winchell, his father, for a long time professor in the University of Minnesota, state geologist, and editor of the American Geologist, was also active in research and scientific writing and a co-worker with his own brother.

The career of the man, to whom this fine tribute will be made, began in study under his eminent father and uncle. He graduated at the University of Michigan in 1889, and after several years' study of ore deposits, he became geologist in charge of the geological department of the Anaconda Copper Mining company and allied companies for eight years. His development of this department is one of his greatest contributions in the mining industry. He was in charge of the geological department of the Great Northern Railway company for 12 years, since when he has been engaged in private consulting and mine examination in all parts of the world. He was an expert on mining litigation, especially the apex law. During 1919 he was president of the American institute of mining and metallurgical engineers.

This magnificent special collection of 10,000 books is the accumulated working tools of three leaders in American science and technology.

Horace V. Winchell was an ardent lover of books as well as a keen geologist. The library that has come into possession of the institute includes the books covering early American geology, collected by his uncle and his father, and his own extensive collections dealing especially with ore deposits, mining law and the history of geology.

A mule cannot kick while he's pulling, and he cannot pull while he's kicking—neither can you.

The real executive has little to do with the problems of today, for they were solved yesterday.

## BUTTE PROFESSOR SOJOURNING IN GERMANY GIVES SIDELIGHTS ON CUSTOMS AT GOTTINGEN

(Continued from Page 1.)

lin to a certain extent the capital or heart of the educational system as a whole. It reminds me somewhat of our system in Montana, where each institution is independent, yet connected and co-operating as the greater University of Montana.

"We have been in Gottingen since Sept. 1 and have been greatly impressed with the difference between the two cities. Berlin, with 4,000,000 inhabitants, is peculiarly cosmopolitan; you can find representatives of every nationality there.

"Gottingen, with 60,000 people, is naturally less cosmopolitan, and with the exception of about a dozen American professors studying at the university, there are but few Auslander' or foreigners here.

"Even the studious, education-pursuing Japanese are absent, whereas there was quite a colony of them in Berlin.

"Gottingen is above all strictly German; the customs are typically German, and the language is the best, untainted by any dialects.

## Medieval City.

"The town itself is quite old, surrounded by a wall; the streets are

(Continued on Page 6.)

## CO-ED NOTES

We are delighted to have Alice Thompson a last year's Co-ed, back with us this semester. Alice went to the University at Missoula last half and was pledged Alpha Phi.

One of the most enjoyable affairs of the past month was the "Waffle" luncheon given in the library stock room with Mrs. Converse and Miss Hubbard hostesses. Spring flowers formed an artistic centerpiece for the table and each cover held an original place-card. The girls all confirm that Mrs. Converse is a "crack" waffle-maker.

Martha McLaughlin, another Butte girl, has also joined our ranks. Martha is a graduate of Central High school and took last semester at the University.

Leah Torrey was hostess at a delightful party for the Co-eds on the evening of Jan. 22, at her apartments at the Leonard. Music, conversation and bridge formed diversion after which a dainty lunch was served. (Our club has some good bridge players, eh? Pat?)

Maxine Marvin, a last year's Mines' Co-ed, is taking the Applied Science course at the College in Bozeman. She is a pledge of Kappa Delta sorority.

Helen Strong is also taking a Science Course at the State College. Helen is a member of Chi Omega sorority.

## Clothing Shirts and Accessories

For Washington's Birthday

New Spring Displays in the kind of qualities that make purchasing and wearing really a great pleasure.

**BOUCHER'S** INC.  
R. M. HOBBS - MGR.

## THINGS WE'D LIKE TO SEE

Helen Steele's haid bobbed.

Jean one whole day without Nora.

Patricia rushing to get someplace.

Hortense when she wasn't ambitious.

Gwen without her lessons.

Rena on the honor roll.

Winnie or Harriette without each other.

A Co-ed notice on the bulletin board unmolested.

Martha studying earnestly.

Leah cutting Helen's hair.

## FAMOUS LAST WORDS

Exams never worry me.

Hot Diggerty!

I'll bite!

See you in church.

What ho!

Toodle—ooo!

Say, Listen!

We're outta gas.

## MINERS!

Miners! Miners who study and get by with it. Miners who don't study and flunk out. Miners who go to school regularly. Miners who are entirely too sarcastic. Miners who speak to the Co-eds. Miners who take great enjoyment out of decorating the notices on the bulletin boards. Miners who play basketball. Miners who spring jokes in class only to find out that eventually they themselves are the jokes. Miners who sleep during lecture. Miners who keep notebooks up-to-date. Miners who use slide rules and logarithms. Miners who wear sheepskins and slickers. Miners who dissipate. Miners who read deep literature and know what it's all about. Miners with green sweaters. Miners who major in study and lose out in activities. Miners who have school spirit. Miners who prefer blondes. Miners who believe the brunettes are more dependable (like Dodge cars).

Mrs. Converse: How many tenses are there in Spanish?

E. G.: First, second and third.

Mrs. Converse: What are they?

E. Griffin: Three.

The Liptons that we made the other day almost walked out on us.

## Try Our Delicious

## Merchant's Lunch

11 a. m. to 2 p. m.

45c

## Creamery Cafe

19 West Broadway

Private booth for ladies

WM. LECOS, Prop.

## Murphy-Cheeley Printing Co.

Our Specialty

"SERVICE"

105 East Broadway

PHONE 3950-W

Butte, Montana

## O. OLSEN'S--Custom Tailors

22 N. Dakota St.

We clean, press, repair, reline and Remodel all kinds of ladies' and gentlemen's garments. Makers of Clothes That Fit.

CALL 2541

PEOPLE'S FUEL CO.

1152 W. Park St.

For the best grades of coal. Try our Red Lodge Lump at \$10.00

## SHEETS-POWELL JEWELERS

57 W. Broadway

Butte

## Kenoffel's Cafe COURTESY-SERVICE

Moderate Prices

43 West Park Street



## ALUMNI DEPARTMENT

Montana State School of Mines

Walker B. Carroll.....Editor

### ALUMNI NOTES

Wallace Tanner, '26, visited Butte recently from Great Falls, where he is employed in the Research Laboratories of the Anaconda Company.

Murl Gidel, '12, is making a geological examination of several months duration in the Tri-State Field, with headquarters at Joplin, Mo.

A. F. Bassett, '12, who for a number of years has been Assistant Sales Manager, Hyatt Roller Bearing Co., Detroit, Michigan, is now Managing Director of the General Motors of Brazil. His address is Avenida Presidente, 201, Sao Paulo, Brazil.

George S. Lukashenko, '25, who was formerly in the Testing Department of the International Smelting Co., Tooele, Utah, made an extended business trip during the winter to San Francisco, California, and Tokio, Japan. He is now in the construction department of the Bunker Hill and Sullivan company at Kellogg, Idaho.

Neil O'Donnell, '21, who has been employed as mining engineer at the Elm Orlu mine, Butte, for several years, has left for the west coast of Mexico, where he has a position supervising mining operations. Mr. O'Donnell is widely known in Butte and the best wishes of his home town friends and the M. S. S. M. alumni go with him in his new venture.

### BUTTE PROFESSOR SOJOURNING IN GERMANY GIVES SIDELIGHTS ON CUSTOMS AT GOTTINGEN

(Continued from Page 5.)

narrow and crooked, and the whole aspect represents the middle ages. So the next time you lecture about the manor system in your Industrial History, with the outlying fields neatly laid off and apportioned, and the dwellings clustered together with the church in the middle, and the two main highways running at right angles to each other through the town, just label the picture 'Old Gottingen.' (By the way I wouldn't have missed that course of yours for anything; I have found all of its very true and very important. It has helped me appreciate my trip abroad to a much greater extent than would otherwise have been possible.)

"Of course Gottingen has expanded beyond the wall of the old town, and it is now one of the greenest and most beautiful cities I have ever seen. It is advertised as a 'Garden and University City,' and it justly deserves the name.

"It has the advantage over American cities in age; its parks and wooded hills have been cultivated and beautified for hundreds of years. The old wall itself has been turned into a charming promenade.

### Army of Students.

"There are 3,000 students at the

university, and the customs among them are decidedly different than in American colleges. Some of them I like better, and some of them I like 'worse.' At any rate, it is interesting to study them.

"One of the funny ones is the way the students greet the professor at a lecture.

"The 'prof' always waits in an adjoining room until all the students are seated. Then he makes his appearance, and is greeted by a loud stamping of feet. The louder the stamping the greater is the popularity of the professor. When the lecture is ended, with a bow, there is more stamping.

"If anything is said during a lecture that especially pleases the students, they stamp some more. If, however, they are not pleased, they indicate their displeasure by scraping their feet on the floor.

"I remember on one occasion the lecture was going past the hour, and the students began shuffling until it was necessary for the instructor to close.

"In one class a student came in late, and the others began shuffling away some more, and finally the student had to leave.

"I learned later that he wasn't very popular, so they had driven him out because they did not like him.

### German Politeness.

"Some of the other customs that are especially notable are hand-shaking, tipping the hat and dueling. There is more hand-shaking in a friendly visit in Germany than there is at a Methodist prayer meeting.

"You shake hands when you stop to talk to anybody, and you shake hands when you leave. And as the number of shakes increases according to the nth power of those present, when four or five students meet it reminds you of a political meeting the day before election.

"Then the men all tip their hats to each other. And it isn't any mere tug at the brim, like we sometimes get by with in Butte on a cold day, but it is a complete uncovering of the head, accompanied by a deep bow and a clicking together of the heels.

"Americans usually walk along with their hands in their pockets, so it takes a little time to get used to this custom. It is, however, a very neat act of courtesy.

"Dueling is as 'popular' as ever, and most of the men have scarred faces. There really isn't space here to tell about it.

"Drinking beer is likewise popular. I am proud of my wife's innocence when she remarked one day that she 'wondered what all those barrels were used for.'

"However, I sincerely believe that Germany will have prohibition within 10 or 15 years. More about that, too, later.

"The university has quite a large number of buildings, spread all over the city, but in spite of this the classrooms are overcrowded.

"At many of the lectures the students have to stand in the back of the room or in the aisles along the walls.

## New Hotel Finlen

Maurice S. Weiss, Manager



Butte, Montana

## SPECIAL

Holiday flavors and combinations in  
**ICE CREAM**

"A Treat For Your Table"

**Medlin's Pharmacy**

We Deliver  
Park at Crystal

## Mines and Friends

There is no "cleaner" money than that dug out of mines. No industry distributes a larger proportion of its receipts for wages, supplies and taxes, nor takes less from the community where it operates, than the Mining Industry.

If there are Mines in your neighborhood, give them a boost.

They will be your best friends.

**ANACONDA COPPER MINING CO.**

## ELECTRICITY AND COPPER

The additions and replacements made by the electric light and power companies of the United States involves the use of 200,000,000 pounds of copper a year.

This company, being a large user of copper, helps to boost the chief industry of the state in which it operates.

The  
Montana



Power  
Company

Men who appreciate values in

## Snappy Clothes

Kirchbaum clothes combine smart style with virgin all-wool fabrics and unusual moderate price—investigate these values—you'll like 'em.

**Symons Dry Goods Co.**